Yorkshire Dales National Park

Forecast valid from 00:00 on Sunday 28 Mar 2021 until 23:59 on Monday 29 Mar 2021

Forecast Issued on Saturday 27 Mar 2021 at 16:11

Confidence: High for wet and windy day Sunday and becoming much milder, then colder later in week, but lower for northwards movement of rain band early in week and its return on Wednesday.

Headline for Sunday 28 Mar 2021: Occasionally heavy rain and occasionally severe southwesterly gales.

Mountain weather hazards on Sunday 28 Mar 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
High Likelihood

Severe chill effect
Low Likelihood

Poor visibility
High Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
Medium Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy Rain	Heavy Rain	Light rain	Light rain	Light rain	Heavy Rain	Heavy Rain
Precipitation probability							
90%	80%	90%	60%	60%	60%	80%	90%

Forecast for Sunday 28 Mar 2021

Weather: Cloudy with outbreaks of occasionally heavy rain through much of the day, perhaps some drier interludes through the middle of the day, especially in the east. Conditions underfoot becoming very wet with swollen water courses.

Chance of cloud free mountain/hill tops above 600m: Around 40% for a time around the middle of the day through the middle of the day, especially in east, otherwise little chance.

Visibility: Periods or persistent cloud above 450m, with patches below, becoming, especially in east, occasional or periods above 600-750m for a time around the middle of the day. Visibility away from cloud, hazy falling to just a few kilometres in heavy rain.

Forecast for Sunday 28 Mar 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	30/41 SW	33/46 SW	31/45 SW	30/43 W	28/41 SW	31/46 SW	35/52 SW	32/49 SW	34/52 SW
300	17/38 SW	20/43 SW	21/43 SW	18/37 W	19/39 SW	22/43 SW	22/46 SW	21/44 SW	23/47 SW
Valley	16/38 SW	20/44 SW	20/42 SW	13/30 SW	16/36 SW	18/39 SW	19/43 SW	18/40 SW	20/43 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/-4	4/-2	6/-0	5/-2	6/1	7/1	7/1	7/1	7/1
300	6/1	6/2	8/3	7/3	8/4	9/5	9/5	8/4	8/4
Valley	7/3	8/3	8/4	8/5	9/6	10/7	10/6	9/6	10/6
Freezing Level*	1300m	1600m	1600m	1600m	1800m	1900m	2500m	2500m	2200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Generally a poor day with heavy rain and gales with, especially at first and again later, gusts 65mph over ridges and summits.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Sat 27 Mar 2021	10.8mm	15.2mm	19.6mm

Forecast for Monday 29 Mar 2021

Weather: Occasionally heavy rain continuing overnight, adding to the very wet underfoot conditions. The rain becomes lighter and patchier through the day with perhaps some brighter spells developing in east and the strong winds slowly ease.

Maximum wind: Southwesterly 30-40mph, gusts around 65mph over ridges and summits, gradually decreasing 20-25mph, gusts 45mph.

Chance of cloud free mountain/hill tops above 600m: Around 40% at times across eastern hills, otherwise little chance.

Visibility: Periods or persistent cloud above 450m, with patches below, but at times across eastern hills, lifting to become occasional or periods above 600-750m. Visibility, away from cloud, hazy falling to just a few kilometres in heavy rain.

Temperature: **Valleys:** Plus 8 Celsius rising to plus 13 Celsius by day, perhaps plus 17 Celsius in east
At 600m: Plus 8 Celsius
Freezing level: Above summits